

**Flood Control Project Maintenance  
Levee Inspections**

**Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019**

**Sacramento Maintenance Yard West Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/23/2019 04/23/2019	Zach Jojola

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals				
DWR ID	DWR_ST0011_01_s_2013_5				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has the levee O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment				
DWR ID	DWR_ST0011_01_s_2013_6				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard maintains a stockpile of flood response materials.					

No Photos

LM Start		Rating **	A	Issue No.	7
LM End		Issue Type +	Ma	Location *	N/A
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training				
DWR ID	DWR_ST0011_01_s_2013_7				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard maintains a written flood response plan and regular flood response training.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Sacramento Maintenance Yard West Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/23/2019 04/23/2019	Zach Jojola

LM Start	0.02	Rating **	M	Issue No.	12
LM End	2.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.758946 °	38.724234 °
				-121.667169 °	-121.665214 °
DWR ID	DWR_ST0011_01_s_2019_12				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.02	Rating **	M	Issue No.	3
LM End	2.73	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.758947 °	38.724234 °
				-121.667169 °	-121.665214 °
DWR ID	DWR_ST0011_01_s_2019_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_ST0011\_291\_3\_20190424\_00016.jpg



View of vegetation on the landside slope. Spring 2019.

LM Start	0.14	Rating **	C	Issue No.	11
LM End	0.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.758536 °	38.758536 °
				-121.665264 °	-121.665264 °
DWR ID	DWR_ST0011_01_f_2018_11				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Tree limbs on the waterside slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

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**Sacramento Maintenance Yard West Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/23/2019 04/23/2019	Zach Jojola

LM Start	2.63	Rating **	A/W	Issue No.	14
LM End	2.63	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.724824 °	38.724824 °
				-121.663702 °	-121.663702 °
DWR ID	17742				
Comment Code					
Inspector Comment					
FS_ID:53232 DS_ID:17742 EP_NO: 10284 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Screw gates where removed and pipe was abanded by farmer, How pipe was abanded is unknown. Pipe is Grouted FIELD_STRUCT_DESC: 1 of 2: 42-inch corrugated metal gravity drainage pipe through the levee, 23.6 feet below the crown. Slide gate on the waterside (WS) slope. Concrete distribution box at the landside (LS) toe. (42-inch pipe [HLM 2.63] authorized under Automatic Board Order (ABO) issued as Permit No. 10284, 1974 - La Borda and Hoover). [Additional Reference(s): DWR Levee Log, 2004. USACE Sacramento O&M Manual 127, June 1953, (Station 133+82)]. FS Date: 11/16/2018 2:17:55 PM					

LM Start	<b>2.63</b>	Rating **	A/W	Issue No.	<b>14 (cont)</b>
LM End	<b>2.63</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_53232\_60304.jpg



Waterside view: overview (pipe not found)

Photo 2 of 3 : UCIP\_SP\_2019\_53232\_60303.jpg



Landside view: concrete spillbox/headwall and pipe (top view)

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Sacramento Maintenance Yard West Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/23/2019 04/23/2019	Zach Jojola

LM Start	2.63	Rating **	A/W	Issue No.	14 (cont)	
LM End	2.63	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.724824 °		38.724824 °
				-121.663702 °		-121.663702 °
DWR ID	17742					
Comment Code						
Inspector Comment						
FS_ID:53232 DS_ID:17742 EP_NO: 10284 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Screw gates where removed and pipe was abandoned by farmer, How pipe was abandoned is unknown. Pipe is Grouted FIELD_STRUCT_DESC: 1 of 2: 42-inch corrugated metal gravity drainage pipe through the levee, 23.6 feet below the crown. Slide gate on the waterside (WS) slope. Concrete distribution box at the landside (LS) toe. (42-inch pipe [HLM 2.63] authorized under Automatic Board Order (ABO) issued as Permit No. 10284, 1974 - La Borda and Hoover). [Additional Reference(s): DWR Levee Log, 2004. USACE Sacramento O&M Manual 127, June 1953, (Station 133+82)]. FS Date: 11/16/2018 2:17:55 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_53232\_60302.jpg



Landside view: side of concrete spillbox/headwall

LM Start	2.64	Rating **	A/W	Issue No.	15	
LM End	2.64	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.724811 °	38.724811 °	
				-121.663736 °	-121.663736 °	
DWR ID	17747					
Comment Code						
Inspector Comment						
FS_ID:53233 DS_ID:17747 EP_NO: 10284 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: No slide gate found. slide gates and pipes were abandon by farmer, how unknown FIELD_STRUCT_DESC: 2 of 2: 42-inch corrugated metal gravity drainage pipe through the levee, 23.6 feet below the crown. Slide gate on the waterside (WS) slope. Concrete distribution box at the landside (LS) toe. (42-inch pipe [HLM 2.63] authorized under Automatic Board Order (ABO) issued as Permit No. 10284, 1974 - La Borde and Hoover). [Additional Reference(s): DWR Levee Log, 2004. USACE Sacramento O&M Manual 127, June 1953, (Station 133+82)]. FS Date: 11/16/2018 2:19:35 PM						

Photo 1 of 3 : UCIP\_SP\_2019\_53233\_60309.jpg



Waterside view: overview

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Sacramento Maintenance Yard West Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 West Levee	Right	2.73	04/23/2019 04/23/2019	Zach Jojola

LM Start	2.64	Rating **	A/W	Issue No.	15 (cont)
LM End	2.64	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.724811 °	38.724811 °
				-121.663736 °	-121.663736 °
DWR ID	17747				

**Comment Code**

**Inspector Comment**

FS\_ID:53233  
DS\_ID:17747  
EP\_NO: 10284  
Repair Type: No Action Needed  
Crossing Status: Found  
UCIP Comments: No slide gate found. slide gates and pipes were abandon by farmer, how unknown  
FIELD\_STRUCT\_DESC: 2 of 2: 42-inch corrugated metal gravity drainage pipe through the levee, 23.6 feet below the crown. Slide gate on the waterside (WS) slope. Concrete distribution box at the landside (LS) toe. (42-inch pipe [HLM 2.63] authorized under Automatic Board Order (ABO) issued as Permit No. 10284, 1974 - La Borde and Hoover). [Additional Reference(s): DWR Levee Log, 2004. USACE Sacramento O&M Manual 127, June 1953, (Station 133+82)].  
FS Date: 11/16/2018 2:19:35 PM

LM Start	<b>2.64</b>	Rating **	A/W	Issue No.	<b>15 (cont)</b>
LM End	<b>2.64</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_53233\_60308.jpg



Landside view: concrete spill box

Photo 3 of 3 : UCIP\_SP\_2019\_53233\_60307.jpg



Landside view: CM pipe with flap gate

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Sacramento Maintenance Yard West Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 02 West Levee	Right	1.52	04/23/2019 04/23/2019	Zach Jojola

LM Start	0.00	Rating **	M	Issue No.	1
LM End	1.51	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.719037 °	38.698644 °
				-121.664097 °	-121.674132 °
DWR ID	DWR_ST0011_02_s_2019_1				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_ST0011\_292\_1\_20190424\_00006.jpg



View of vegetation on the landside slope. Spring 2019.

LM Start	0.00	Rating **	M	Issue No.	2
LM End	1.51	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.719036 °	38.698644 °
				-121.664097 °	-121.674132 °
DWR ID	DWR_ST0011_02_s_2019_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Sacramento Maintenance Yard West Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 03 West Levee	Right	1.15	04/23/2019 04/23/2019	Zach Jojola

LM Start	0.01	Rating **	M	Issue No.	3
LM End	0.77	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.698445 °	38.687494 °
				-121.674113 °	-121.673743 °
DWR ID	DWR_ST0011_03_s_2019_3				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_ST0011\_293\_3\_20190424\_00004.jpg



View of vegetation on the waterside slope. Spring 2019.

LM Start	0.01	Rating **	M	Issue No.	2
LM End	0.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.698445 °	38.687494 °
				-121.674112 °	-121.673743 °
DWR ID	DWR_ST0011_03_s_2019_2				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Sacramento Maintenance Yard West Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/30/2019 04/30/2019	Zach Jojola

LM Start	0.01	Rating **	M	Issue No.	16
LM End	0.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.574252 °	38.565763 °
				-121.638727 °	-121.638336 °
DWR ID	DWR_ST0011_04_s _ 2019_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.01	Rating **	M	Issue No.	15
LM End	0.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.574252 °	38.565763 °
				-121.638727 °	-121.638335 °
DWR ID	DWR_ST0011_04_s _ 2019_15				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Sacramento Maintenance Yard West Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/30/2019 04/30/2019	Zach Jojola

LM Start	0.60	Rating **	A/W	Issue No.	21
LM End	0.60	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.565704 °	38.565704 °
				-121.638650 °	-121.638650 °
DWR ID	528				
Comment Code					
Inspector Comment					
FS_ID:44826 DS_ID:528 EP_NO: 10304 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 22 feet below the crown. Flap gate on the waterside (WS) end. (30-inch pipe [HLM 0.59] authorized under Automatic Board Order (ABO) issued as Permit No. 10304, 1974 - Southern Pacific Transportation Company). [Additional Reference(s): DWR Levee Log, 2004. USACE Sacramento O&M Manual 120, June 1952, (Station 446+08)]. FS Date: 4/28/2015 2:58:55 PM					

Photo 1 of 3 : UCIP\_SP\_2019\_44826\_60517.jpg



Landside view: concrete headwall.

LM Start	<b>0.60</b>	Rating **	A/W	Issue No.	<b>21 (cont)</b>
LM End	<b>0.60</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : UCIP\_SP\_2019\_44826\_60516.jpg



Landside view: closer look at the headwall.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

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**Sacramento Maintenance Yard West Levee Yolo Bypass**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/30/2019 04/30/2019	Zach Jojola

LM Start	0.60	Rating **	A/W	Issue No.	21 (cont)	
LM End	0.60	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP LMA Responsibility			38.565704 °		38.565704 °
				-121.638650 °		-121.638650 °
DWR ID	528					
Comment Code						
Inspector Comment						
FS_ID:44826 DS_ID:528 EP_NO: 10304 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: FIELD_STRUCT_DESC: 30-inch corrugated metal gravity drainage pipe through the levee, 22 feet below the crown. Flap gate on the waterside (WS) end. (30-inch pipe [HLM 0.59] authorized under Automatic Board Order (ABO) issued as Permit No. 10304, 1974 - Southern Pacific Transportation Company). [Additional Reference(s): DWR Levee Log, 2004. USACE Sacramento O&M Manual 120, June 1952, (Station 446+08)]. FS Date: 4/28/2015 2:58:55 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_44826\_60520.jpg



Landside view: overview

LM Start	0.90	Rating **	C	Issue No.	14
LM End	0.90	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.561326 °	38.561326 °
				-121.638203 °	-121.638203 °
DWR ID	DWR_ST0011_04_f_2018_14				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					
Cracks near the access gate. Recommend monitoring.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/30/2019 04/30/2019	Zach Jojola

LM Start	0.91	Rating **	M	Issue No.	18
LM End	3.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.561168 °	38.523743 °
				-121.638160 °	-121.631458 °
DWR ID	DWR_ST0011_04_s_2019_18				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	0.91	Rating **	M	Issue No.	20
LM End	3.61	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.561168 °	38.523743 °
				-121.638160 °	-121.631458 °
DWR ID	DWR_ST0011_04_s_2019_20				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

Photo 1 of 1 : SP\_2019\_ST0011\_294\_20\_20190430\_00016.jpg



View of vegetation on the waterside slope. Spring 2019.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/30/2019 04/30/2019	Zach Jojola

LM Start	2.10	Rating **	A/W	Issue No.	27
LM End	2.10	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP LMA Responsibility			38.545646 °	38.545646 °
				-121.631172 °	-121.631172 °
DWR ID	17736				
Comment Code					
Inspector Comment					
FS_ID:44822 DS_ID:17736 EP_NO: 10306 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Farmer cleans this screw gate every year FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 21.5 feet below the crown. 42-inch steel pipe inside the 48-inch pipe. Flap gate on the waterside (WS) with two cutoff walls, one headwall, and one saddle and apron. (48-inch pipe [HLM 2.12] authorized under Automatic Board Order (ABO) issued as Permit No. 10306, 1974 - Wells Fargo Bank, Trustees for Cowell Foundation). [Additional Reference(s): USACE Sacramento O&M Manual 119, December 1952, (Station 80+00)]. FS Date: 4/28/2015 2:57:49 PM					

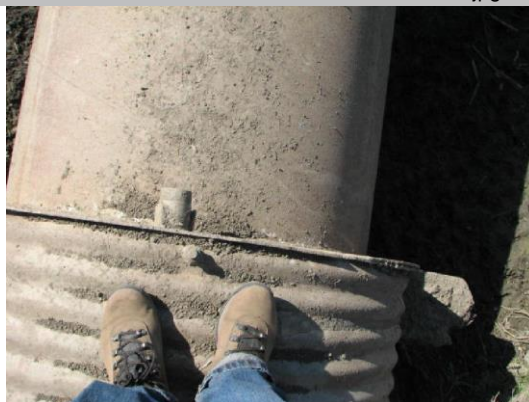
LM Start	<b>2.10</b>	Rating **	A/W	Issue No.	<b>27 (cont)</b>
LM End	<b>2.10</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : UCIP\_SP\_2019\_44822\_24980.jpg



Landside view: 42-inch steel pipe inside a 48-inch CMP

Photo 2 of 3 : UCIP\_SP\_2019\_44822\_24979.jpg



Landside view: closer look at 42-inch steel pipe and 48-inch CMP

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/30/2019 04/30/2019	Zach Jojola

LM Start	2.10	Rating **	A/W	Issue No.	27 (cont)	
LM End	2.10	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP LMA Responsibility			38.545646 °	38.545646 °	
				-121.631172 °	-121.631172 °	
DWR ID	17736					
Comment Code						
Inspector Comment						
FS_ID:44822 DS_ID:17736 EP_NO: 10306 Repair Type: No Action Needed Crossing Status: Found UCIP Comments: Farmer cleans this screw gate every year FIELD_STRUCT_DESC: 48-inch corrugated metal gravity drainage pipe through the levee, 21.5 feet below the crown. 42-inch steel pipe inside the 48-inch pipe. Flap gate on the waterside (WS) with two cutoff walls, one headwall, and one saddle and apron. (48-inch pipe [HLM 2.12] authorized under Automatic Board Order (ABO) issued as Permit No. 10306, 1974 - Wells Fargo Bank, Trustees for Cowell Foundation). [Additional Reference(s): USACE Sacramento O&M Manual 119, December 1952, (Station 80+00)]. FS Date: 4/28/2015 2:57:49 PM						

Photo 3 of 3 : UCIP\_SP\_2019\_44822\_24978.jpg



Landside view: closer look at 42-inch steel pipe and 48-inch CMP

LM Start	2.11	Rating **	C	Issue No.	19
LM End	2.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.545430 °	38.545430 °
				-121.631211 °	-121.631211 °
DWR ID	DWR_ST0011_04_f_2016_19				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
It appears that the ditch is beginning to erode the landside levee toe, but is not within the levee prism. Recommend monitoring.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

## Maintenance Issue Types Only, Levee Inspection Report By Mile - Spring 2019

### Sacramento Maintenance Yard West Levee Yolo Bypass

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 04 West Levee	Right	3.61	04/30/2019 04/30/2019	Zach Jojola

LM Start	2.14	Rating **	C	Issue No.	17
LM End	2.14	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.545022 °	38.545022 °
				-121.631209 °	-121.631209 °
DWR ID	DWR_ST0011_04_f_2016_17				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
It appears that the ditch is beginning to erode the landside levee toe, but is not within the levee prism. Recommend monitoring.					

No Photos

LM Start	3.61	Rating **	M	Issue No.	13
LM End	3.61	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.523683 °	38.523683 °
				-121.631463 °	-121.631463 °
DWR ID	DWR_ST0011_04_f_2018_13				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
There is erosion on the landside toe because of an irrigation canal. Sac Yard is aware of the issue and intends to fix it.					

Photo 1 of 1 : SP\_2019\_ST0011\_294\_13\_20190304\_00005.jpg



View of erosion on the landside slope adjacent to irrigation canal. Fall 2018.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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